

For Research Use Only

# CoraLite® Plus 488-conjugated MEK1/2 Recombinant monoclonal antibody

Catalog Number: **CL488-84967**

## Basic Information

<b>Catalog Number:</b> CL488-84967	<b>GenBank Accession Number:</b> BC018645	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 5605	<b>CloneNo.:</b> 242614G3
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> P36507	<b>Recommended Dilutions:</b> IF/ICC: 1:50-1:500
<b>Immunogen Catalog Number:</b> AG1481	<b>Full Name:</b> mitogen-activated protein kinase kinase 2	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
	<b>Calculated MW:</b> 44 kDa	
	<b>Observed MW:</b> 44 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : Jurkat cells,
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

MEK2(MAPK/ERK kinase 2) is also named as MAP2K2, MKK2, PRKMK2 and belongs to the MAP kinase kinase subfamily. MAPKK is itself dependent on Ser/Thr phosphorylation for activity catalyzed by MAP kinase kinase kinases (RAF or MEKK1). MEK1 and MEK2 are closely related, dual-specificity tyrosine/threonine protein kinases found in the Ras/Raf/MEK/ERK mitogen-activated protein kinase (MAPK) signaling pathway. 84967-1-RR can recognize both the MEK2 and MEK1.

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

For technical support and original validation data for this product please contact:

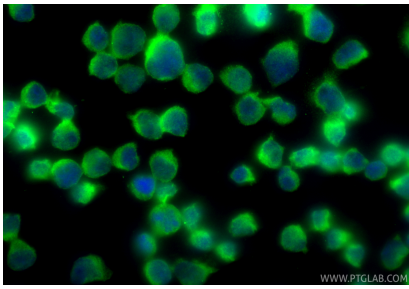
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using CoraLite® Plus 488 MEK1/2 antibody (CL488-84967, Clone: 242614G3 ) at dilution of 1:200.